Electronic Acknowledgement Receipt				
EFS ID:	4605155			
Application Number:	10673138			
International Application Number:				
Confirmation Number:	3830			
Title of Invention:	System and method for using first-principles simulation to facilitate a semiconductor manufacturing process			
First Named Inventor/Applicant Name:	Andrej S. Mitrovic			
Customer Number:	22850			
Filer:	Marvin Jay Spivak/Christopher Scott			
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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		236518USREPLYBRIEF.pdf	787653	ves	19
'		23031003NEFETBNIEF.PUI	5035Se683667073161e76e03a/56d841496 4a83b	,	15

Multipart Description/PDF files in .zip description			
Document Description		End	
Miscellaneous Incoming Letter	1	1	
Reply Brief Filed	2	19	

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#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

#### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/D0/E0/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.